

July 19 1850

My dear Gray

I was from home when I received your letter but being again for a few days in town I investigated *Heringera* at Kew on Saturday - Planchon had rightly put into the genus all the American *Placouctia* - and that is evidently Clor's idea in his monograph of *Placouctiaceae* in the 4th vol 2nd Ser. Ann. G. Nat. Par. of which only a few generally have yet appeared. He places *Heringera* between *Placouctia* and *Xyloma* - probably not acquainted with the latter for I think you are quite right in uniting them - and I presume you have ascertained that *Xyloma* is the oldest name - The American species in the Kew Herbaria are

1 *Heringera intermedia* Seem Bot. Rev. p. 249 Veraguas remarkable for its hermaphrodite flowers - or at least female flowers with stamens - possibly other individuals may have more developed stamens and abortive or semiabortive ovaries
 2 *H. nitida* Hellen. Jamaica Purdie ♂ and ♀ specimens measured

Purdie ♀ only
 a slight variety Veraguas Seemann ♀

3 *H. mexicana* Planch. 1855 *H. nitida* Cham. et Schlecht var. Hellen. near *H. nitida* but perhaps truly distinct illegio (Xalapa & Vera Cruz)
 Schiede ♀ Protero 470 ♀ 891 ♂ Galeotti 4517 ♂ 7030 ♀ Linden 950 ♂
 Chayru Rudler 194 ♂ 329 ♀

4 *H. elastica* Planch. *Placouctia celastrioides* H. & K. Proctea obovata Presl. Mexico Tabasco Deuby ♂ and ♀ Oaxaca Galeotti 4549 ♂ Orizaba Protero 975, 1057 and 1050 all ♀ R. Müller 320. Guatemala Friedrichthal ♀ Yucatan Soliman 65 ♂ 66 ♀

5 *H. flavura* Blauh. *Placousta flavura* HBK. Mexico Brython
 Prolesii 1069 and 1070 both ♂ Xalapa Linden ~~of~~ 952 also ♂ (and Galcott's
 without a no perhaps one of Linden's specimens.)

6 *H. epichloa* Blauh. *Placousta epichloa* Nutt. Ann. L. Nat. Ser. 3. n. 7. p.
 294 Columbia Treana 166 ♂ Bogota Holton 833 ♂ 834 ♀

7 *H. pumifolia* Blauh. *Placousta pumifolia* HBK. *Placousta*
 Nutt. Columbia Hartweg 890 ♂ Treana 352 ♂ Holton 892 ♂ Chachapoyas
 Matthews 3050 ♂ Caracas Durand ♂ - these specimens are all
 little different from each other but seem all to be one species. I have
 seen no ♀

8 *H. sp. n.* *Placousta nitida* Spruce. Math in New Journal. Cambria
 Spruce ♂. *P. dipyna* Spruce from Rio Negro ¹⁵³³ ♀ ♂ is probably not
 specifically distinct.

9 *H. sp. n.* *Placousta calophylla* Spruce Rio Negro 1600 ♀ ♂ seems
 a very distinct species

10 *H. Robinsonii* Blauh. *Pakia calymmana* ♂ ♀ Brand Sello ♀

11 *H. Gardnerii* Blauh. *Ceara Gardner* 1450 ♂ ♀

12 *H. Tweedii* Blauh. *Danda orientalis* and *Haugway Tweedii*

♂ ♀ Species dubia specimen sine pot. ^{Note} *Eucania* *Khombungii* ♂
 with 729 Rich Rhomb. 1106

- Species a me non vixit
R. cordata H. B. K. an ead. a *P. epichloa* Nutt.?
R. elegans Nutt.
R. velutina Nutt.
R. racemosa Presl.
 and another of Presl's which I have not note as being probably
 not a congener.

A box is made up for you at Kew containing among other
 things your set of Spruce's Canguiro Orenoco & Upper Rio Negro
 plants and Tarapoto ferns in all 393 y. = £ 7. 17. 0 - there will
 be the new vol. of Linnaea Journal but I cannot send the
 account yet as there is some uncertainty about the arrangements

for the number botanical matter we have - so I will send
 in Oct & then you can pay me all together. This set contains
 many good Humboldtian plants - unfortunately some of them
 could not reach to your parcel as space was cramped
 for paper on the Orenoco.

In the box I have taken the liberty of putting a copy of
 my Handbook of the British Flora for Mr Gray - it is not
 identified enough to offer to you - I have prepared a paper
 on details with general considerations on terminology, especially
 referring to the strob. the bracts ^{and} spines - on genera & species -
 and on geographical distribution & was to have read it at the
 last dinner meeting - but several others were anxious to
 get a hearing and mine being very long was deferred till
 after the next.

I have only had time to go through the Hong Kong
Malvaeflora & determine I might be

- | | |
|---|---|
| 1 <i>Clematis parviflora</i> Gand. & Champ. | Is not <i>Sida sphenoloba</i> var <i>concolor</i> the <i>S. fallax</i> W. & A.? |
| 2 <i>C. illyriensis</i> W. & A. (also <i>Loobos</i> !) | |
| 3 <i>Delina sarmentosa</i> Lam. | 20 <i>Abelmoschus pinniformis</i> Wall probably a var. of <i>A. moschatus</i> . |
| 4 <i>Urovia microcarpa</i> Champ. | 21 <i>Reversia thyroidea</i> (N. Wallichii) Dr. does not appear distinct |
| 5 <i>Urovia discolor</i> Vahl. | 22 <i>Pterulia lanceolata</i> Cav. |
| 6 <i>Senecioia cuspidata</i> K. F. & P. | 23 <i>Pruettia aspera</i> Colbr. |
| 7 <i>Coccoloba macrocarpa</i> W. & A. | 24 <i>Waltheria americana</i> (W. Indian) |
| 8 <i>Percampylis racemosa</i> Willd. | 25 <i>Cochlosoma acutangulum</i> Lam. |
| 9 <i>Stiponia hexandrioides</i> W. & A. | 26 <i>Triumfetta angulata</i> Lam. |
| 10 <i>Cyrtia deltoides</i> W. & A. | 27 <i>T. pilosa</i> Rott. (N. Cass. Blume) |
| 11 <i>Chamaetia Plumieri</i> DC. | 28 <i>Zinnia parviflora</i> Nees var <i>glabrescens</i> . |
| 12 <i>Capparis membranacea</i> Gand. & Champ. | 29 <i>Heptaria latifolia</i> Gand. & Champ. ^{apparently} a true <i>Sida</i> - nothing to do with <i>Aspacea</i> or <i>Oxycoba</i> - and probably no congener of <i>Lawsonia</i> & <i>Heptaria</i> . |
| 13 <i>Cassia glomerata</i> Presl? | 30 <i>Chacrasia lanceifolia</i> Presl? <i>E. serrata</i> Champ. |
| 14 <i>Vicia Patrini</i> DC. | |
| 15 <i>V. diffusa</i> Ging. (<i>V. tenuis</i> DC.) | 31 <i>Eurya Cheucui</i> Dr. (<i>Eurya</i> according to ^{Chang} <i>Thunberg</i> & others) |
| 16 <i>Salweenia Cantoniana</i> Low. | 32 <i>E. Macartneyi</i> Champ. (<i>E. japonica</i> according to Blume - either <i>Hea</i> two Hong Kong species are distinct from each other or nearly the whole of the <i>Arati</i> species are forms of <i>E. japonica</i>) |
| 17 <i>Polygala acellata</i> Ham. | 33 <i>Peristromium japonica</i> Thunberg. <i>Reyera</i> <i>fragrans</i> et <i>C. dubia</i> Champ. |
| 18 <i>P. glomerata</i> Low. ex DC. <i>P. densiflora</i> DC. | |
| 19 <i>P. elegans</i> Wall. <i>P. Loureiri</i> Gand. & Champ. | |
| 20 <i>Pittosporum glabratum</i> Lindl. | |
| (Don's is not <i>P. glabrum</i> but seems more <i>P. parviflorum</i> S. Hook et Arn. but not exactly) | |

- 57 *Leconanthus Chinensis* Champ. (*Leconanthus Chinensis* Hook & Arn.)
 59 *Pentastyles euryoides* Gard & Champ.
 58 *Polygona axillaris* Des.
 60 *Cornellia spectabilis* Champ.
 61 *C. aspinuelii* Champ.
 62 *C. subcapitata* Champ.
 63 *C. intermedia* sp. n.
 65 *Saurauja trityla* DC? ^{see Loo Choo n. 31}
 the *Psychotria arguta* does not seem specifically distinct from *actinidia callosa* Lindl.
 67 and 1 specimen of 613 *Sarcocolla longifolia* Champ.
 66 and 2 of 613 *S. multiflora* Champ.
 68 *Calophyllum membranaceum* Gard & Champ.
 70 *Hypericum japonicum* Muellb.
 72 and 610 *Acer oblongum* Wall.
 71 *Acer ochroleucum* Champ.
 90 *Persea Nepalensis* Wall.
 89 *T. arguta* Seem. *Obanthe* Lindl. - ~~resect~~
Eryca Champ. nearly distinguishable from *aurigula* from America
 73 *Psychidium Litchi* Camb.
 74 *Gly. cornis citrifolia* Lindl.
 75 *Sclerostylis bursifolia* Nees
 70 *Vitis parvifolia* Roxb.
 77 *V. lanata* Roxb.
 80 *V. - lipes angustifolia* Roxb.
 79 *V. cantoniensis* Seem.
 84 *Averrhoa carambola* L.
 83 *Opalis corniculata* Seem.
 82 *O. Martiana* Zucc. (an *O. corumbosa* DC?)
 has several names quoted by Zucc. and is often met among tropical woods
 83 *Zanthoxylum solidum* DC
 82 *Z. cuspidatum* Champ.
 84 *Z. avicennae* DC
 85 *Z. triphyllum* Juss. - *Z. pleiofolium* Champ.
 86 *Toddalia floribunda* Wall.
 87 *Cymoptera resinosa* et *C. pedunculata* DC
 88 *Aracea sumatrana* Roxb.
 96 *Evonymus nitidus* Oth.
 95 *E. latifolius* Champ.
 94 *E. longiflorus* Champ.
 93 *E. hederaceus* Champ.
 Loochoo 52 seems *E. ciliolatus* Wall.
 91 and 611 *Celastrus Hendrii* Oth.
 92 *C. Championi* Oth.
 Loochoo 53 which I have also from Amoy is very near *C. Wallikiana*.

- 97 *Eleo gratiflora* Champ.
 98 *I. memecylofolia* Champ.
 99 *I. viduata* Champ.
 100 *I. apiculata* Champ.
 101 *I. pubescens* Hook & Arn.

100, 109 and 473 seem to me to be all forms of *Rhus succedaneum* from which perhaps *R. acuminata* may not be distinct but I shall examine them more

107 is a puzzle - certainly not *Altera Rothii* - the leaves look like *Rhus succedaneum* - Do the two loose fruits really belong? [Yes, I have it fast.]

110 *Cassipouira Pinckel* rather than *C. decurva* which ought to have pubescent leaves - these are glabrous.

114 *Rourea microphylla* Hook

42 *R. verticillata* Wright

102 *Psidium glaberrimum* Gaertn

104 *Breakea maculosa* Kib. Zucc. which I formerly confounded with *D. lineata*

103 *D. lineata* DC.

105 *Diaperia thersites* Proxym.

106 *Rhamnus virgata* Roxb.

475 a puzzle. leaves and inflorescence of a *Psidium* but fr. of a *Rhamnus* - No fl. I have nothing of the kind from any of these etc
 56 Loochoo is *Rhamnus crevata* Kib. Zucc. as you suppose.

Many thanks for your interesting Rubiacious article which duly reached me

We leave town for the west of England the day after tomorrow to return in October

Your boy is not gone yet. I have put into it a few of Wilford's Hongkong plants as far as I have gone through them - they come to you from the Hookers

Yours ever sincerely
 George Dontham